

## Histone H3K9me3 (tri-methyl Lys9) antibody

## Cat. No. GTX54103

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, Dot, ChIP assay
Reactivity	Human, Mouse, Rat

## Package

100 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500 - 1:2000
ICC/IF	1:50 - 1:200
IHC-P	1:50 - 1:200
Dot	Assay dependent
ChIP assay	1:50 - 1:200

Not tested in other applications.

## Properties

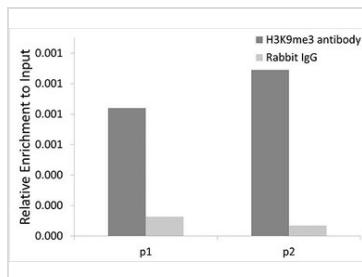
Form	Liquid
Buffer	PBS, 50% Glycerol
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A synthetic methylated peptide corresponding to residues surrounding K9 of human histone H3
Purification	Purified by affinity chromatography
Conjugation	Unconjugated
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
Note	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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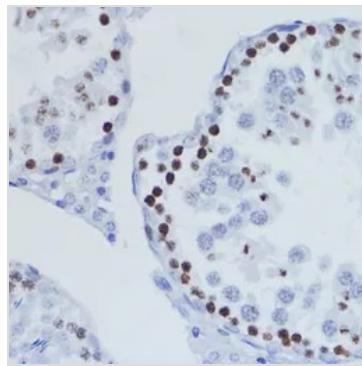
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## DATA IMAGES



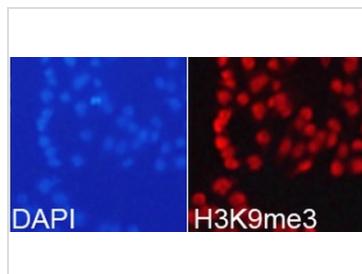
## GTX54103 ChIP assay Image

ChIP analysis of 293T cell lysate using GTX54103 Histone H3K9me3 (tri-methyl Lys9) antibody. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



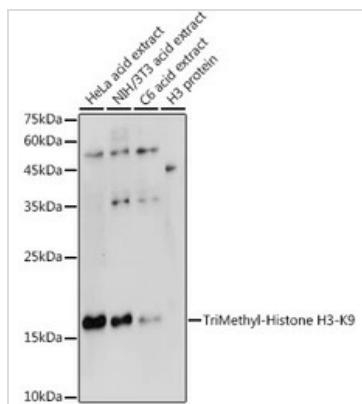
## GTX54103 IHC-P Image

IHC-P analysis of rat testis tissue using GTX54103 Histone H3K9me3 (tri-methyl Lys9) antibody.  
Dilution : 1:200



## GTX54103 ICC/IF Image

ICC/IF analysis of 293T cells using GTX54103 Histone H3K9me3 (tri-methyl Lys9) antibody.  
Blue : DAPI



## GTX54103 WB Image

WB analysis of various sample lysates using GTX54103 Histone H3K9me3 (tri-methyl Lys9) antibody.  
Dilution : 1:500  
Loading : 25 $\mu$ g per lane



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